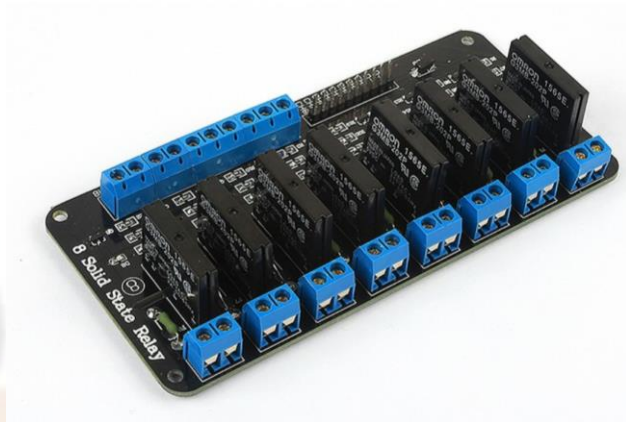


## 8 Channel Solid State Relay Board



This 5V 2A 8-Channel SSR G3MB-202P Solid State Relay Module is based on the G3MB SSR relay which can control up to 2A at 240VAC. This is an 8 Channel SSR relay module, each relay channel has 3 separate terminals, NO (Normal Open), COM (Common), NC (Normal Closed).

### FEATURES:

- 8 channel 2 AMP Solid State Relay board
- Control 8 loads of up to 2 amps each at 120V or 240V AC.
- Good for lighting, holiday displays etc.
- Has been assembled, and the electrical test passed.
- Led indicator for each relay.
- Use it to control various appliances and other equipment with a large current.
- It can be controlled directly by Microcontroller

**SPECIFICATIONS:**

- Trigger type: Low Level Trigger
- Part Number: G3MB-202P
- Working Current(mA): 16
- Trigger Current (mA): 2
- Trigger Voltage (VDC): 5
- Switching Voltage (VAC): 240@2A
- Isolation: Phototriac
- Zero Cross: Yes
- Length (mm): 130
- Width (mm): 60
- Height (mm): 15
- Weight (gm): 70

**FUNCTIONAL DESCRIPTION:**

- A Solid State Relay is similar to a mechanic relay where it can be controlled through a digital signal. Solid State Relay generates no noise and has a much longer lifespan in compared to the traditional mechanic relay.
- When the input logic voltage is applied to the coil, the NC will disconnect from the COM breaking the conductivity between the two. At the same time, the NO will connect with the COM allowing conductivity between them. Depending on your wiring this will turn on or off the connected load.
- 5V 2A 8-Channel SSR G3MB-202P Solid State Relay Module Can be directly controlled by Arduino and other microcontrollers It is Eight channels relay interface board able to control various appliances and equipment with large current.

**PIN FUNCTION:**

- DC+: connect power positive
- DC-: connect power negative
- CH1: relay module signal trigger point (Effective low-level trigger)
- CH2: relay module signal trigger point (Effective low-level trigger)
- CH3: relay module signal trigger point (Effective low-level trigger)
- CH4: relay module signal trigger point (Effective low-level trigger)
- CH5: 5-way relay module signal triggering end (low-level trigger valid)
- CH6: 6-way relay module signal triggering end (low-level trigger valid)
- CH7: 7-way relay module signal triggering end (low-level trigger valid)
- CH8: 8-channel relay module signal triggering end (low-level trigger valid)

**APPLICATIONS:**

It is used as computer peripheral interfaces, temperature/speed light adjustment, servo control, petrochemical, medical instrumentations, financial devices, coal, meters, traffic signals, etc.

**PACKAGE INCLUDES:**

1x 8 Channel Solid State Relay Board